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Cmld wherein said display screen, said memory unit, and said display control unit are contained in a frame that is independent from a frame containing the main apparatus.

C2 2. (TWICE AMENDED) The display apparatus of claim 1, wherein:
said memory unit is a data rewritable memory, and the image protecting data is written into said memory unit from the main apparatus.

3. (TWICE AMENDED) The display apparatus of claim 1, wherein:
said display control unit provided on the side of said display apparatus comprises a main apparatus control unit transmitting a control signal, to control the operation mode of the main apparatus, to the main apparatus under such a condition that the main apparatus is not actually operated for a predetermined time period.

C3 4. (THREE TIMES AMENDED) An information processing system, comprising:
a main apparatus processing image data; and
a display apparatus displaying the image data sent from said main apparatus on a display screen; wherein:
said main apparatus includes:
an image data storage unit storing image data to be displayed; and
a main display control unit causing the image data stored in the image data storage unit to be displayed on the display screen; and
said display apparatus includes:
a memory unit storing thereinto screen protecting image data; and
a sub-display control unit operable to control the screen protecting image data stored in said memory unit to be displayed on the display screen irrespective of an operation mode of the main apparatus,
wherein said display screen, said memory unit, and said display control unit are contained in a frame that is independent from a frame containing the main apparatus.

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Cmt 5. (TWICE AMENDED) The image processing apparatus of claim 4, wherein:
said main apparatus further comprises an operation mode control unit changing a normal power consumption mode of said main apparatus into a low power consumption mode;

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said display apparatus further comprises a main apparatus control unit transmitting a control signal, to control the operating mode of the main apparatus, to said main apparatus under such a condition that said main apparatus is not actually operated for a predetermined time period; and

upon receipt of the control signal transmitted from said main apparatus control unit, the operation mode control unit changes the normal power consumption mode into the low power consumption mode.

6. (THREE TIMES AMENDED) A display apparatus, comprising:
a memory unit storing therein screen protecting data; and
a display control unit operable to control the screen protecting image data stored in said memory unit to be displayed on a display screen of the display apparatus irrespective of an operation mode of a main apparatus,

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whereby when no access is made from the main apparatus to the display apparatus for a predetermined time period, an image produced from screen protecting image data is displayed on the display screen of the display apparatus, and

wherein said display screen, said memory unit, and said display control unit are contained in a frame that is independent from a frame containing the main apparatus.

7. (TWICE AMENDED) The display control apparatus of claim 6, wherein:
said memory unit is a data rewritable memory, and the image protecting data is written into the memory unit from the main apparatus.

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8. (TWICE AMENDED) The display control apparatus of claim 6, further comprising:
a main apparatus control unit transmitting a control signal, to control the operation mode of the main apparatus, to the main apparatus under such a condition that the main apparatus is not actually operated for the predetermined time period.

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9. (TWICE AMENDED) A display apparatus, comprising:
a display screen displaying thereon image data sent from a computer main frame, the computer main frame including a central processing unit, random access memory, a graphic controller and video random access memory;
a rewritable memory unit, separate from the random access memory and separate from the video random access memory, storing therein screen protecting image data; and

a display control unit, separate from the graphic controller, operable to control the screen protecting image data stored in said rewritable memory unit to be displayed on the display screen irrespective of an operation mode of the computer main frame, said display control unit transmitting a control signal, to control the operation mode of the computer main frame, to the computer main frame to instruct the computer main frame to not operate for a predetermined time period,

wherein said display screen, said rewritable memory unit, and said display control unit are contained in a frame that is independent from the computer main frame.

10. (TWICE AMENDED) A display system for a portable computer, comprising:
a computer main frame including a central processing unit, a graphic controller, random access memory, and video random access memory; and

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a display apparatus including:

a display screen displaying thereon image data sent from said computer main frame,
a screen protecting data random access memory, independent from the random access memory and the video random access memory of said computer main frame, storing screen protecting image data, and

a display control unit, independent from the central processing unit of said computer main frame, operable to control the screen protecting image data stored in the screen protecting data random access memory to be displayed on the display screen irrespective of an operation mode of the computer main frame;

wherein said display screen, said screen protecting data random access memory, and said display control unit are contained in a frame that is independent from said computer main frame.

11. (ONCE AMENDED) The display system of claim 10, wherein the display control unit changes from a normal power consumption mode into a low power consumption mode then provides a signal, to control an operation mode of the computer main frame, to the computer main frame instructing the computer main frame to enter a low power consumption mode.

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12. (ONCE AMENDED) The display system of claim 11, wherein the screen protecting image data is a screen saving program.

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amended 13. (ONCE AMENDED) The display system of claim 10, wherein the screen protecting image data is a screen saving program.

C9 14. (TWICE AMENDED) A method of controlling a display apparatus, comprising:
displaying image data on a display screen sent from a computer main frame,
storing screen protecting image data in a screen protecting data random access memory, independent from a random access memory and a video random access memory in said computer main frame, and
displaying the screen protecting image data stored in the screen protecting data random access memory on the display screen irrespective of an operation mode of the computer main frame,
wherein said display screen and said screen protecting data random access memory are contained in a frame that is independent from said computer main frame.

15. (NEW) The display apparatus of claim 1, wherein the a display control unit is operable to control the screen protecting image data to be displayed on said display screen based on the operation mode of the main apparatus.

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amended 16. (NEW) The image processing apparatus of claim 4, wherein the sub-display control unit is operable to control the screen protecting image data to be displayed on the display screen based on the operation mode of a main apparatus.

17. (NEW) The display apparatus of claim 9, wherein the display control unit is operable to control the screen protecting image data to be displayed on the display screen based on the operation mode of the computer main frame.

18. (NEW) The display system of claim 10, wherein the display control unit is operable to control the screen protecting image data to be displayed on the display screen based on the operation mode of the computer main frame.

19. (NEW) The method of claim 14, further comprising:
displaying the screen protecting image data on the display screen based on the operation mode of the computer main frame.
